

# AVERAGE WEEKLY ROOM USAGE IN CLASSROOMS

## TABLE 3

The average room hours is a measurement to indicate the adequacy of the number of available classrooms to meet the needs of an institution's instructional programs. It is simply an indication of the number of class periods a room is used. To obtain this number the class duration (number of hours the class meets or class length) is rounded to the nearest half hour, then is multiplied by the number of days per week the class meets, thus giving the total room hours of instruction. This is then divided by the total number of rooms classified with a room type of "110" (classrooms). Room hours of instruction reflects the number of scheduled hours of instruction, regardless of class size, occurring in a room during a one week period. Three classes meeting for one hour each and one class meeting for three hours would each generate three room hours of instruction.

The definitions of "daytime" and "nighttime" should be made explicit. "Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. The sum of "daytime" and "nighttime" is reflected in "all hours."

Norm: Optimum use of classrooms is 30 hours per week.

$$\text{Average Room Hours} = \frac{\text{Total Room Hours of Instruction in Classrooms}}{\text{Total Number of Classrooms}}$$

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE	
Mon./Wed./Fri.	08:00 - 09:00	33	110	3 days * 1 hour = 3
Tues./Thurs.	08:00 - 09:30	40	110	2 days * 1.5 hr = 3
Mon./Wed./Fri.	09:00 - 10:00	46	110	3 days * 1 hour = 3

Tues./Thurs.	09:30 - 11:00	26	110	2 days * 1.5 hr = 3
Mon./Wed./Fri.	10:00 - 11:00	52	110	3 days * 1 hour = 3
Mon./Wed./Fri.	11:00 - 12:00	45	110	3 days * 1 hour = 3
Tues./Thurs.	11:00 - 12:30	54	110	2 days * 1.5 hr = 3
Mon./Wed./Fri.	12:00 - 13:00	26	110	3 days * 1 hour = 3
Mon./Wed./Fri.	13:00 - 14:00	30	110	3 days * 1 hour = 3
Tues./Thurs.	17:00 - 19:00	39	110	2 days * 1.5 hr = 3
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				TOTAL 30

The last class listed in the sample data, which is on Tuesday and Thursday, starts at 17:00 which is considered nighttime, so that three would be placed under "Nighttime". The remaining twenty-seven hours would be placed under "Daytime". Thirty would be "Total Room Hours". The sample report uses 135 as the total number of rooms classified with a room type of "110" (classrooms).

$$\begin{array}{rcl}
 \text{Total Room Hours of Instruction} & = & 30 \\
 \hline
 & & \text{-----} = .22 \\
 \text{Total Number of Classrooms} & = & 135
 \end{array}$$

The report for one institution would look like this:

	FTE	Total Room Hours	Daytime	Nighttime	All Hours
Institution	5,411	30.00	27.00	3.00	.22

**TABLE 3  
AVERAGE WEEKLY ROOM USAGE  
IN CLASSROOMS**

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS				
					2000	1999	1998	1997	1996
PUBLIC FOUR YEAR INSTITUTIONS									
LSU A&M (Including Ag. & Law)	28,654	8,781	7,909	872	27.5	27.4	27.6	25.4	23.2
University of Louisiana in Lafayette	13,405	4,239	3,737	502	22.9	22.8	24.5	25.3	25.4
Southeastern Louisiana University	12,339	4,532	4,034	498	25.3	28.8	28.5	25.9	24.1
University of New Orleans	11,769	4,051	3,357	694	22.8	22.8	25.8	25.5	25.2
Louisiana Tech University	9,327	3,359	3,010	349	27.7	22.1	31.7	34.0	30.7
Southern University A&M	8,738	3,384	2,794	590	15.3	**	15.5	15.5	14.1
University of Louisiana in Monroe	8,225	2,452	2,077	375	20.7	25.4	27.6	27.2	26.4
Northwestern State University	7,841	2,650	2,140	510	22.0	25.5	21.7	21.1	23.8
McNeese State University	6,551	2,725	2,338	387	22.5	22.9	22.9	23.8	24.4
Nicholls State University	6,257	1,845	1,609	236	14.5	24.9	22.7	25.1	25.7
Grambling State University	4,253	1,939	1,732	208	19.7	25.9	19.0	20.9	25.2
Southern University at New Orleans	3,187	1,246	822	424	16.3	16.0	16.0	14.3	21.1
LSU in Shreveport	2,818	1,257	929	329	16.1	**	17.1	16.2	16.0
PUBLIC TWO YEAR INSTITUTIONS									
Delgado Community College	8,163	3,116	2,218	899	22.1	26.5	26.6	28.7	29.8
LSU at Eunice	1,903	683	623	61	22.0	21.6	19.9	18.5	21.7
Baton Rouge Community College	1,726	874	626	248	39.7	34.3			
LSU at Alexandria	1,491	791	677	114	19.7	18.8	18	18.2	17.7
Elaine P. Nunez Community College	1,204	581	324	257	18.1	**	**	**	18.7
Southern University at Shreveport	925	411	352	59	6.4	9.4	10.3	9.8	9.3
River Parishes Community College	184	134	103	31	26.8				

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

## AVERAGE WEEKLY ROOM USAGE IN CLASSROOMS (TABLE 3) 2000

